

# Work Order ID 102267

\*102267\*

Page 1

May-27-13 12:42:33 PM

Item ID: D3885-1

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Standard Web

Start Date: 5/22/13 Start Qty: 12.00

\*12\*

Cust Item ID:

Required Date: 5/27/13 Req'd Qty: 12.00

\*12\*

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 13-05-28

Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D3885	B								
100		0.00							
<b>*100*</b>									
Purchasing	Memo	0.00							
Purchasing	Purchasing								
	Issue P/O: <u>PO 20006</u>								
	Supplier: George A. Wright & Son Ltd.								
	Machine as per Dwg D3885								
	Conformity sheet required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
<b>*110*</b>									
Packaging	Memo	0.00							
Packaging									

MS 12/15/20

436/20 (12)

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>
--	---	---

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

# Work Order ID 102267

\*102267\*

Page 2

May-27-13 12:42:34 PM

Item ID: D3885-1-

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Standard Web

Start Date: 5/22/13 Start Qty: 12.00

\*12\*

Cust Item ID:

Required Date: 5/27/13 Req'd Qty: 12.00

\*12\*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start \*NR1\*

Stop \*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC6- Inspect dimensions to drawing

0.00

\*120\*

QC

Memo

0.00

Quality Control

130

Chemical Conversion Coat per QSI005 4.1

0.00

\*130\*

HandFinish

Memo

0.00

Hand Finishing

140

QC3- Inspect Part Finish

0.00

\*140\*

QC

Memo

0.00

Quality Control

9-3

PTO

13/7/2

9

13/07/11

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA *[Signature]* Date: 13/07/18QA Closed: *[Signature]* Date: 13-7-12

Work Order: <u>102267</u> Part No. <u>D3885-1</u> NCR No. <u>13-2835</u>	<b>DISPOSITION</b> Rework <input type="checkbox"/> Scrap <input checked="" type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b> <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input checked="" type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input checked="" type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input checked="" type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>	13/6/24	110	x3	Qty x3 webs scrap at Supplier  See Supplier ACK + Draft NCR-13-2759	DAS 16 9-88  13/6/24 QSTWZ	Scrap + Destroy  no Repl.  Qty x3  553.17	SAD  13/6/24	DAS 27 20  13/6/24	DAS 16 9-88  13/6/24  azzan
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input checked="" type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

## FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

# Work Order ID 102267

\*102267\*

Page 3

May-27-13 12:42:34 PM

Item ID: D3885-1

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Standard Web

Start Date: 5/22/13 Start Qty: 12.00

\*12\*

Cust Item ID:

Required Date: 5/27/13 Req'd Qty: 12.00

\*12\*

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:

Run Start \*NR1\*

QC: Date: SPC (Y/N): Date:

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: <u>LG</u>	0.00				9			
*150*									
Packaging	Memo	0.00							
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
*160*									
QC	Memo	0.00							
Quality Control									

13/7/11

13-07-11

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

### FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
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<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

# Picklist Print

May-27-13 12:42:33 PM

Page 1

Work Order ID: 102267  
 Parent Item: D3885-1  
 Parent Item Name: Standard Web

Start Date: 5/22/13 Required Date: 5/27/13  
 Start Qty: 12.00 Required Qty: 12.00

Comments: IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3882-1-130 Extrusion "I" Beam		Manufactured	No			110	Each	59.0000	1	12		05/13/05/28	

Location

Loc Qty

Loc Code

LG

59

93832

59

12

D3885-1P

X12

6/3/13 (12)

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

### FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
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		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other



102267 MJS  
13-05-28

D3885-1 STANDARD WEB

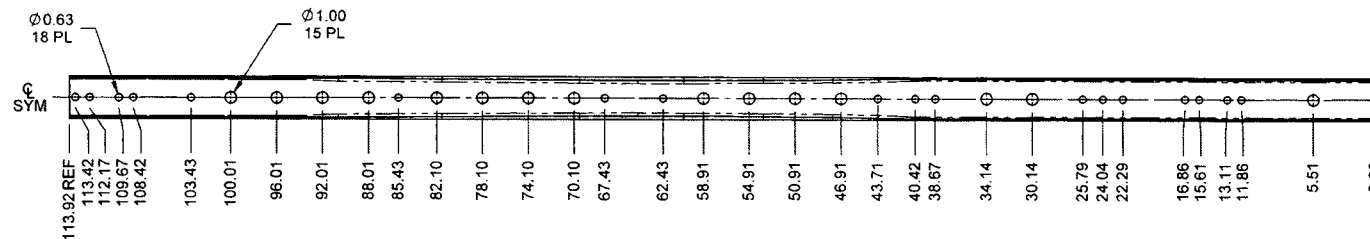
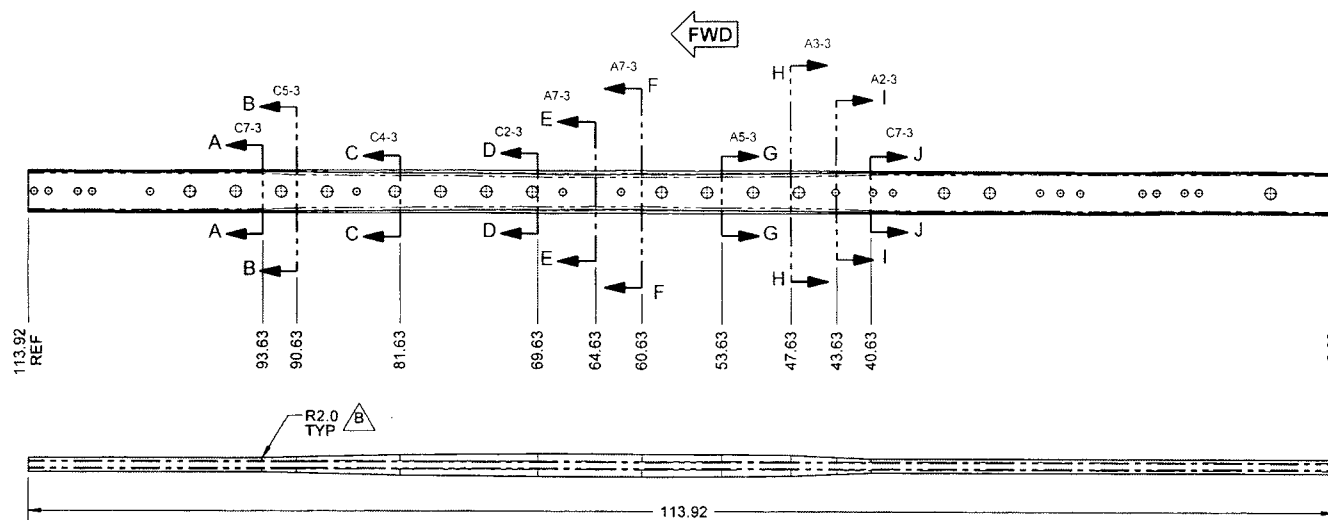
D3885-3 FLOAT WEB

RELEASED  
09/07/15

B	ADD 0.32 (ZN D7-3, D5-3, D7-5, D5-5); ADD 0.24 (ZN B2-3, B3-5). ADD R2.0 TYP (ZN C6-2 & C6-4)	RF	09.06.30
A	NEW ISSUE	RF	09.03.30
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	PORT HADLOCK, VA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>[Signature]</i>	D3885	SHEET 1 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	WEB	NTS
DATE	09.06.30	<small>COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	



102267



# **D3885-1 STANDARD WEB**

## **D3885-1 NOTES:**

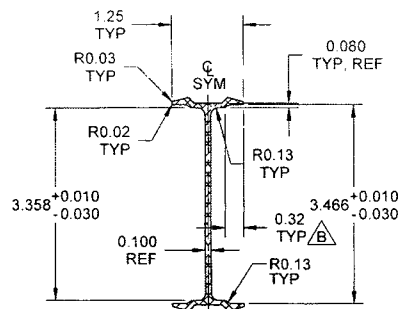
- 1) MATERIAL: MAKE FROM D3882-1-130 EXTRUSION
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3885-1" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 8.51 lbs

**RELEASED**  
09/07/15

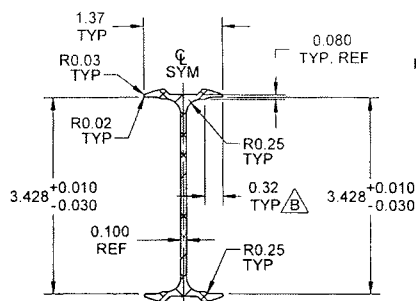
DESIGN	RF	<b>DART AEROSPACE USA, INC.</b> PORT HADLOCK, WA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. B
MFG. APPR.		D3885	SHEET 2 OF 5
APPROVED		TITLE	SCALE
DE APPR.		WEB	NTS
DATE	09.06.30	<small>COPYRIGHT © 2009 BY DART AEROSPACE USA, INC.</small> <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	



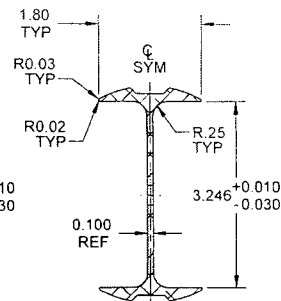
102267



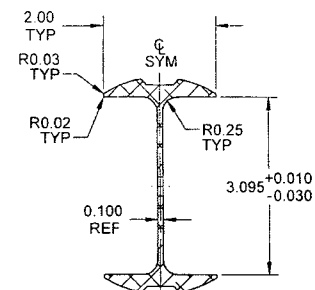
**SECTION A-A  
& SECTION J-J**  
SCALE 5X  
D6-2  
D4-2



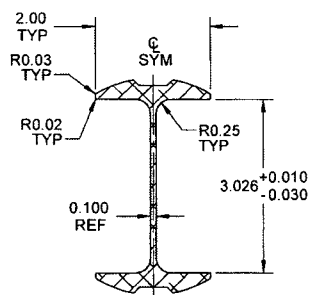
**SECTION B-B**  
SCALE 5X  
D6-2



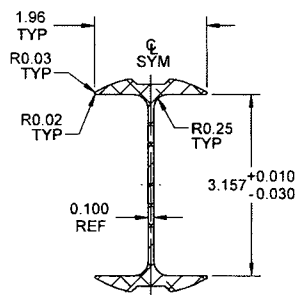
**SECTION C-C**  
SCALE 5X  
D6-2



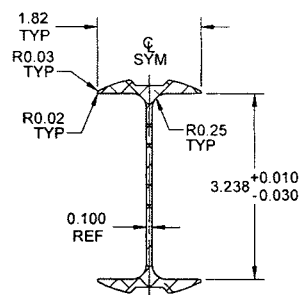
**SECTION D-D**  
SCALE 5X  
D5-2



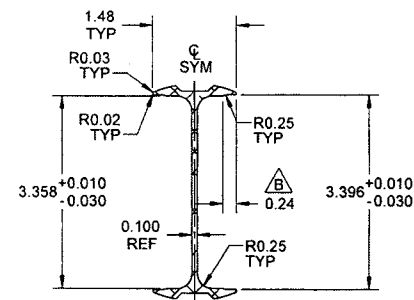
**SECTION E-E  
& SECTION F-F**  
SCALE 5X  
D5-2



**SECTION G-G**  
SCALE 5X  
D4-2



**SECTION H-H**  
SCALE 5X  
D4-2



**SECTION I-I**  
SCALE 5X  
D4-2

**D3885-1 STANDARD WEB SECTION VIEWS**

**RELEASED**  
07/15/20

DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.		D3885	SHEET 3 OF 5
APPROVED		TITLE	SCALE
DE APPR.		WEB	NTS
DATE	09.06.30	COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613.632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO20006**

Purchase Order Date 5/28/2013

PO Print Date 5/28/2013

Page Number 1 of 1

Order From :

/C-WMP001

WEJAY MACHINE PRODUCTS CO. LTD  
600 O'CONNOR DRIVE  
KINGSTON, ONTARIO K7P 1N3  
CANADA

Contact Name

Vendor Phone

613-384-1662

Vendor Fax

613-384-2997

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

COD

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
6/3/2013

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3885-1P	Standard Web	6/17/2013 Yes	12.00 Each	Day & Ross ppd	\$557.3264	\$6,687.92

Special Instructions: TO BE MACHINED AS PER DRAWING  
D3885 REV B  
BATCH 102267

PO Total:

\$6,687.92

Change Nbr:

1

Print Date: 5/28/2013

No substitution or deviation without  
consent.

Certificate of Conformity or Material  
Certification required - YES NO





NO GOODS RETURNED WITHOUT  
PRIOR AUTHORIZATION





600 O'CONNOR DRIVE, KINGSTON, ONTARIO K7P 1N3

PHONE: (613) 384-1662

FAX: (613) 384-2997

## CERTIFICATE OF COMPLIANCE

CUSTOMER: Dart Aerospace		DATE: June. 17, 2013	
		P.O.# PO20006	
		WEJAY JOB# 36331	
<p><b>I hereby certify that the following material has been inspected/tested and conforms to the requirements and specifications as stated in your contract and as noted below. Any exceptions will be listed as NCR items.</b></p>			
<b>PART NO.</b>	<b>QTY.</b>	<b>PROCESS (ES)</b>	<b>SPECIFICATION / REV</b>
D3885-1P 'Standard Web' Batch# 102267	9	Machined complete per drawing req'ts.	D3885 / rev. B
D3885-1P 'Standard Web' Batch# 102267	3	Machined complete - rejected as per NCR# 0136	D3885 / rev. B
Note: 1) Material supplied by Dart Aerospace. 2) Sampling Inspection reports attached.			

**Records of Inspection/Test will be retained for 5 years minimum.**

Yours truly,

**Clifford Smith**  
Authorized Q.A. Signatory





600 O'CONNOR DRIVE  
KINGSTON, ONTARIO  
K7P 1N3

# INSPECTION / TEST REPORT

JOB No.

36331

PAGE: 1 of 3

CUSTOMER: Dart Aerospace

CUST. P.O.# PD20006

PART No. D3885-1

DESCRIPTION: Standard Web

DWG No. D3885 - sheets 2-3

REV. B

E.C.O. --

MATERIAL: Extrusions supplied by DAS

INSPECTOR:

QUANTITY  
REC'D: 1

ACCEPT: 1

REJECT: -

N.C.R.# --

DATE:

June 5, 2013

INSTRUCTIONS, COMMENTS:

IN PROCESS (PART # 3 OFF)

ITEM REF. No.	CHARACTERISTIC	DETAILS	TOLERANCE	DWG SHT/ZONE	RESULT	QTY. INSP.	COMMENTS (ACC. REJ. REW. NMR #)
---------------------	----------------	---------	-----------	-----------------	--------	---------------	---------------------------------------

1	Hole, Diameter .63"	18 places	+ .008/- .001				
2	Hole, Diameter 1.00"	15 places	+ .010/- .001				
3	5.51"		+/- .03				
4	11.86"		+/- .03				
5	13.11"		+/- .03				
6	15.61"		+/- .03				
7	16.86"		+/- .03				
8	22.29"		+/- .03				
9	24.04"		+/- .03				
10	25.79"		+/- .03				
11	30.14"		+/- .03				
12	34.14"		+/- .03				
13	38.67"		+/- .03				
14	40.42"		+/- .03				
15	43.71"		+/- .03				
16	46.91"		+/- .03				
17	50.91"		+/- .03				
18	54.91"		+/- .03				
19	58.91"		+/- .03				
20	62.43"		+/- .03				
21	67.43"		+/- .03				
22	70.10"		+/- .03				
23	74.10"		+/- .03				
24	78.10"		+/- .03				
25	82.10"		+/- .03				
26	85.43"		+/- .03				
27	88.01"		+/- .03				
28	92.01"		+/- .03				
29	96.01"		+/- .03				
30	100.01"		+/- .03				
31	103.43"		+/- .03				
32	108.42"		+/- .03				
33	109.67"		+/- .03				

# INSPECTION / TEST REPORT

JOB No. 36331

PAGE: 2 of 3

CUSTOMER: Dart Aerospace

CUST. P.O. P020006

PART No. D3885-1

DESCRIPTION: Standard Web

DWG No. D3885

REV. B

E.C.O. --

REF. No.	CHARACTERISTIC	DETAILS	TOLERANCE	DWG SHT/ZONE	RESULT	QTY. INSP.	COMMENTS (ACC. REJ. REW. NMR #)
34	112.67"		+/- .03		✓	1	Acc.
35	113.42"		+/- .03		✓	1	"
36	113.92" o.a.		+/- .03		✓	1	"
37	1.25" TYP	Section A-A, J-J	+/- .03		✓	1	"
38	R.03" TYP				✓	1	"
39	R.02" TYP				✓	1	"
40	3.358"		+0.010/-0.030		✓	1	"
41	R.13" TYP				✓	1	"
42	.32" TYP		+/- .03		✓	1	"
43	3.466"		+0.010/-0.030		✓	1	"
44	R.13" TYP				✓	1	"
45	.080 TYP, REF		+/- .03		✓	1	"
46	1.37" TYP	Section B-B			✓	1	"
47	R.03" TYP				✓	1	"
48	R.02" TYP				✓	1	"
49	3.358"		+0.010/-0.030		✓	1	"
50	R.25" TYP				✓	1	"
51	.32" TYP		+/- .03		✓	1	"
52	R.25" TYP				✓	1	"
53	3.428"		+0.010/-0.030		✓	1	"
54	1.80" TYP	Section C-C	+/- .03		✓	1	"
55	R.03" TYP				✓	1	"
56	R.02" TYP				✓	1	"
57	3.246"		+0.010/-0.030		✓	1	"
58	R.25" TYP				✓	1	"
59	2.00" TYP	Section D-D	+/- .03		✓	1	"
60	R.03" TYP				✓	1	"
61	R.02" TYP				✓	1	"
62	3.095"		+0.010/-0.030		✓	1	"
63	R.25" TYP				✓	1	"
64	2.00" TYP	Section E-E, F-F	+/- .03		✓	1	"
65	R.03" TYP				✓	1	"
66	R.02" TYP				✓	1	"
67	3.026"		+0.010/-0.030		✓	1	"
68	R.25" TYP				✓	1	"
69	1.96"	Section G-G	+/- .03		✓	1	"
70	R.03" TYP				✓	1	"
71	R.02" TYP				✓	1	"
72	3.157		+0.010/-0.030		✓	1	"



# INSPECTION / TEST REPORT

JOB No. 36331

PAGE: 3 of 3

CUSTOMER: Dart Aerospace

CUST. P.O. PO 20006

PART No. D3885-1

DESCRIPTION: Standard Web

DWG No. **D3885**

REV. B

E.C.O. --

REF.	No.
------	-----

### CHARACTERISTIC

## DETAILS

TOLERANCE

DWG	SHT/ZONE
101	101
102	102
103	103
104	104
105	105
106	106
107	107
108	108
109	109
110	110
111	111
112	112
113	113
114	114
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254	254
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256	256
257	257
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259	259
260	260
261	261
262	262
26	

## RESULT

QTY.	INSP.	DATE	REMARKS
1		10/10/10	10/10/10
2		10/10/10	10/10/10
3		10/10/10	10/10/10
4		10/10/10	10/10/10
5		10/10/10	10/10/10
6		10/10/10	10/10/10
7		10/10/10	10/10/10
8		10/10/10	10/10/10
9		10/10/10	10/10/10
10		10/10/10	10/10/10
11		10/10/10	10/10/10
12		10/10/10	10/10/10
13		10/10/10	10/10/10
14		10/10/10	10/10/10
15		10/10/10	10/10/10
16		10/10/10	10/10/10
17		10/10/10	10/10/10
18		10/10/10	10/10/10
19		10/10/10	10/10/10
20		10/10/10	10/10/10
21		10/10/10	10/10/10
22		10/10/10	10/10/10
23		10/10/10	10/10/10
24		10/10/10	10/10/10
25		10/10/10	10/10/10
26		10/10/10	10/10/10
27		10/10/10	10/10/10
28		10/10/10	10/10/10
29		10/10/10	10/10/10
30		10/10/10	10/10/10
31		10/10/10	10/10/10
32		10/10/10	10/10/10
33		10/10/10	10/10/10
34		10/10/10	10/10/10
35		10/10/10	10/10/10
36		10/10/10	10/10/10
37		10/10/10	10/10/10
38		10/10/10	10/10/10
39		10/10/10	10/10/10
40		10/10/10	10/10/10
41		10/10/10	10/10/10
42		10/10/10	10/10/10
43		10/10/10	10/10/10
44		10/10/10	10/10/10
45		10/10/10	10/10/10
46		10/10/10	10/10/10
47		10/10/10	10/10/10
48		10/10/10	10/10/10
49		10/10/10	10/10/10
50		10/10/10	10/10/10
51		10/10/10	10/10/10
52		10/10/10	10/10/10
53		10/10/10	10/10/10
54		10/10/10	10/10/10
55		10/10/10	10/10/10
56		10/10/10	10/10/10
57		10/10/10	10/10/10
58		10/10/10	10/10/10
59		10/10/10	10/10/10
60		10/10/10	10/10/10
61		10/10/10	10/10/10
62		10/10/10	10/10/10
63		10/10/10	10/10/10
64		10/10/10	10/10/10
65		10/10/10	10/10/10
66		10/10/10	10/10/10
67		10/10/10	10/10/10
68		10/10/10	10/10/10
69		10/10/10	10/10/10
70		10/10/10	10/10/10
71		10/10/10	10/10/10
72		10/10/10	10/10/10
73		10/10/10	10/10/10
74		10/10/10	10/10/10
75		10/10/10	10/10/10
76		10/10/10	10/10/10
77		10/10/10	10/10/10
78		10/10/10	10/10/10
79		10/10/10	10/10/10
80		10/10/10	10/10/10
81		10/10/10	10/10/10
82		10/10/10	10/10/10
83		10/10/10	10/10/10
84		10/10/10	10/10/10
85			

COMMENTS  
(ACC. REJ.  
REW. NMR #)

[illegible]





600 O'CONNOR DRIVE  
KINGSTON, ONTARIO  
K7P 1N3

# INSPECTION / TEST REPORT

JOB No. 36331

PAGE: 1 of 3

CUSTOMER: Dart Aerospace

CUST. P.O.# PD20006

PART No. D3885-1

DESCRIPTION: Standard Web

DWG No. D3885 - sheets 2-3

REV. B

E.C.O. --

MATERIAL: Extrusions supplied by DAS

INSPECTOR: *[Signature]*

QUANTITY  
REC'D: 1

ACCEPT: 1

REJECT: --

N.C.R.# --

DATE: JUN 5, 2013

INSTRUCTIONS, COMMENTS:

IN PROCESS (PART# 5 OFF)

ITEM REF. No.	CHARACTERISTIC	DETAILS	TOLERANCE	DWG SHT/ZONE	RESULT	QTY. INSP.	COMMENTS (ACC. REJ. REW. NMR #)
1	Hole, Diameter .63"	18 places	+ .008/- .001		✓	1	Acc.
2	Hole, Diameter 1.00"	15 places	+ .010/- .001		✓	1	"
3	5.51"		+/- .03		✓	1	"
4	11.86"		+/- .03		✓	1	"
5	13.11"		+/- .03		✓	1	"
6	15.61"		+/- .03		✓	1	"
7	16.86"		+/- .03		✓	1	"
8	22.29"		+/- .03		✓	1	"
9	24.04"		+/- .03		✓	1	"
10	25.79"		+/- .03		✓	1	"
11	30.14"		+/- .03		✓	1	"
12	34.14"		+/- .03		✓	1	"
13	38.67"		+/- .03		✓	1	"
14	40.42"		+/- .03		✓	1	"
15	43.71"		+/- .03		✓	1	"
16	46.91"		+/- .03		✓	1	"
17	50.91"		+/- .03		✓	1	"
18	54.91"		+/- .03		✓	1	"
19	58.91"		+/- .03		✓	1	"
20	62.43"		+/- .03		✓	1	"
21	67.43"		+/- .03		✓	1	"
22	70.10"		+/- .03		✓	1	"
23	74.10"		+/- .03		✓	1	"
24	78.10"		+/- .03		✓	1	"
25	82.10"		+/- .03		✓	1	"
26	85.43"		+/- .03		✓	1	"
27	88.01"		+/- .03		✓	1	"
28	92.01"		+/- .03		✓	1	"
29	96.01"		+/- .03		✓	1	"
30	100.01"		+/- .03		✓	1	"
31	103.43"		+/- .03		✓	1	"
32	108.42"		+/- .03		✓	1	"
33	109.67"		+/- .03		✓	1	"

# INSPECTION / TEST REPORT

JOB No. 36331

PAGE: 2 of 3

CUSTOMER: Dart Aerospace

CUST. P.O. P020006

PART No. D3885-1

DESCRIPTION: Standard Web

DWG No. D3885

REV. B

E.C.O. --

REF. No.	CHARACTERISTIC	DETAILS	TOLERANCE	DWG SHT/ZONE	RESULT	QTY. INSP.	COMMENTS (ACC. REJ. REW. NMR #)
----------	----------------	---------	-----------	--------------	--------	------------	---------------------------------

34	112.67"		+/- .03		✓	1	Acc.
35	113.42"		+/- .03		✓	1	"
36	113.92" o.a.		+/- .03		✓	1	"
37	1.25" TYP	Section A-A, J-J	+/- .03		✓	1	"
38	R.03" TYP				✓	1	"
39	R.02" TYP				✓	1	"
40	3.358"		+0.010/-0.030		✓	1	"
41	R.13" TYP				✓	1	"
42	.32" TYP		+/- .03		✓	1	"
43	3.466"		+0.010/-0.030		✓	1	"
44	R.13" TYP				✓	1	"
45	.080 TYP, REF		+/- .03		✓	1	"
46	1.37" TYP	Section B-B			✓	1	"
47	R.03" TYP				✓	1	"
48	R.02" TYP				✓	1	"
49	3.358"		+0.010/-0.030		✓	1	"
50	R.25" TYP				✓	1	"
51	.32" TYP		+/- .03		✓	1	"
52	R.25" TYP				✓	1	"
53	3.428"		+0.010/-0.030		✓	1	"
54	1.80" TYP	Section C-C	+/- .03		✓	1	"
55	R.03" TYP				✓	1	"
56	R.02" TYP				✓	1	"
57	3.246"		+0.010/-0.030		✓	1	"
58	R.25" TYP				✓	1	"
59	2.00" TYP	Section D-D	+/- .03		✓	1	"
60	R.03" TYP				✓	1	"
61	R.02" TYP				✓	1	"
62	3.095"		+0.010/-0.030		✓	1	"
63	R.25" TYP				✓	1	"
64	2.00" TYP	Section E-E, F-F	+/- .03		✓	1	"
65	R.03" TYP				✓	1	"
66	R.02" TYP				✓	1	"
67	3.026"		+0.010/-0.030		✓	1	"
68	R.25" TYP				✓	1	"
69	1.96"	Section G-G	+/- .03		✓	1	"
70	R.03" TYP				✓	1	"
71	R.02" TYP				✓	1	"
72	3.157		+0.010/-0.030		✓	1	"



# INSPECTION / TEST REPORT

JOB No.

3633

PAGE: 3 of 3

CUSTOMER: Dart Aerospace

CUST. P.O. 0020096

PART No. D3885-1

DESCRIPTION: Standard Web

DWG No. **D3885**

REV. B

E.C.O. --

REF.  
No.

CHARACTERISTIC

## DETAILS

## TOLERANCE

DWG  
SHT/ZONE

## RESULT

[illegible]

COMMENTS  
(ACC. REJ.  
REW. NMR #)

[illegible]

CUSTOMER: Dart Aerospace

P.O. No. PO20006	DWG No. D3885	REV. B	DESCRIPTION: Standard Web	QTY. REC. 12	QTY. REJ. 3	JOB/BATCH No. 36331	TRACECODE: -	PAGE: 1 of 2
	PART No. D3885-1P		RESPONSIBILITY: --	LOCATION: Wejay Insp. -Hold		NONCONF. OP. No. --	LAST COMPLETE OP. No. complete	

DESCRIPTION OF NONCONFORMANCE

Item	Qty	
1	1	113.92" O.A. length undersize approx. 3/8". Missing material is at datum end rel. drawing dims.
2	2	One side of web undercut to depth of .022" max on first part and .011" max on second part. Damage was caused by 3/4" dia bull nose cutter with .13" rad. resulting in Undercut having ~.44" wide flat at surface, radiused .13" at sides. On first part, length of cutter mark is ~19-1/4" long, tapering from 0" to .022" To .015" depth. See photos attached. On second part, length of cutter mark 1 is ~9-1/2" long, tapering from 0" to .011" to 0" deep. Cutter mark 2 is ~2" long, tapering from 0" to ~.004" deep. See photos attached.

DISPOSITION PROPOSAL

Item Ref.	
1	Scrap.
2	Customer disposition required.

MFG. SIGNATURE: \_\_\_\_\_

INSPECTOR: \_\_\_\_\_

DATE: June 17, 2013

DATE: June 17, 2013



CUSTOMER: Dart Aerospace

P.O. No. PO20006	DWG No. D3885	REV. B	DESCRIPTION: Standard Web	QTY. REC. 12	QTY. REL. 3	JOB/BATCH No. 36331	TRACECODE: -	PAGE: 2 of 2
	PART No. D3885-1P		RESPONSIBILITY: --	LOCATION: Wejay Insp. -Hold		NONCONF. OP. No. --	LAST COMPLETE OP. No. complete	

ISSUED TO: Ed Jansen

DEPARTMENT: Production

Note: To be completed & returned to Quality Assurance within 5 working days.

**CAUSE OF NONCONFORMANCE**

Item Ref.	
1	Program error by operator. Input Incorrect cutter diameter compensation for milling part to O.A. length.
2	Inadequate clamping of parts in fixture allowed parts to lift out of position during heavy machining cut.

**CORRECTIVE ACTION**

Item Ref.	
1	Operator realized error on first end of first part. Correction was made to program at that time. Following parts were O.K.
2	Clamping method reviewed and adjustments made. Cutter feed rates reduced to prevent cutter pulling.

**CUSTOMER DISPOSITION**

Item Ref.	

CORRECTIVE ACTION      ACCEPTED: ☒   
NOT ACCEPTED: ☐

Q.A. MANAGER:       DATE: June 17, 2013

FOLLOWUP: CORRECTIVE ACTION HAS BEEN IMPLEMENTED  
AND VERIFIED AS EFFECTIVE.

Q.A. MANAGER:      DATE:

**WEJAY MACHINE PRODUCTS**  
Kingston, Ontario

**NONCONFORMANCE REPORT**

No. 0136

CUSTOMER: Dart Aerospace

P.O. No. PO20006	DWG No. D3885	REV. B	DESCRIPTION: Standard Web	QTY. REC. 12	QTY. REJ. 3	JOB/BATCH No. 36331	TRACECODE: -	PAGE: 1 of 2
	PART No. D3885-1P		RESPONSIBILITY: --	LOCATION: Wejay Insp. -Hold		NONCONF. OP. No. --		LAST COMPLETE OP. No. complete

DESCRIPTION OF NONCONFORMANCE		
Item	Qty	
1	1	113.92" O.A. length undersize approx. 3/8". Missing material is at datum end rel. drawing dims.
2	2	One side of web undercut to depth of .022" max on first part and .011" max on second part. Damage was caused by 3/4" dia bull nose cutter with .13" rad. resulting in Undercut having ~.44" wide flat at surface, radiused .13" at sides. On first part, length of cutter mark is ~19-1/4" long, tapering from 0" to .022" To .015" depth. See photos attached. On second part, length of cutter mark 1 is ~9-1/2" long, tapering from 0" to .011" to 0" deep. Cutter mark 2 is ~2" long, tapering from 0" to ~.004" deep. See photos attached.

DISPOSITION PROPOSAL	
Item Ref.	
1	Scrap.
2	Customer disposition required.

MFG. SIGNATURE: \_\_\_\_\_

INSPECTOR: \_\_\_\_\_

DATE: June 17, 2013

DATE: June 17, 2013



**WEJAY MACHINE PRODUCTS**  
Kingston, Ontario

**NONCONFORMANCE REPORT**

No. 0136

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	PART No. D3885-1P		RESPONSIBILITY: --	LOCATION: Wejay Insp. -Hold		NONCONF. OP. No. --	LAST COMPLETE OP. No. complete	

ISSUED TO: Ed Jansen

DEPARTMENT: Production

Note: To be completed & returned to Quality Assurance within 5 working days.

**CAUSE OF NONCONFORMANCE**

Item Ref.	
1	Program error by operator. Input Incorrect cutter diameter compensation for milling part to O.A. length.
2	Inadequate clamping of parts in fixture allowed parts to lift out of position during heavy machining cut.

**CORRECTIVE ACTION**

Item Ref.	
1	Operator realized error on first end of first part. Correction was made to program at that time. Following parts were O.K.
2	Clamping method reviewed and adjustments made. Cutter feed rates reduced to prevent cutter pulling.

**CUSTOMER DISPOSITION**

Item Ref.	

CORRECTIVE ACTION	ACCEPTED: <input checked="" type="checkbox"/> _____ NOT ACCEPTED: _____	FOLLOWUP: CORRECTIVE ACTION HAS BEEN IMPLEMENTED AND VERIFIED AS EFFECTIVE.
Q.A. MANAGER:	DATE: June 17, 2013	Q.A. MANAGER: _____ DATE: _____